

HRG300

High Rigid Grinder

High Rigid Grinding

Fast and Damageless

Low Cost

Batch Processing Available

In-process Dressing (optional)



TOKYO SEIMITSU



Target Material

Hard Brittle Material as Sapphire, SiC, GaN, and ALN

Target Work

Size : ϕ 2 to ϕ 12 inch

Maximum Thickness : 20mm (include base plate)

Actual Result Example

Materials	Size	Numbers processed	Grinded thickness	Processing time
Sapphire	ϕ 4 inch	4 wafers/batch	530 μ m	10mins(2min30sec/each)
SiC	ϕ 4 inch	Single Processing	120 μ m	1min
ALN	ϕ 6 inch	Single Processing	500 μ m	4mins

In-process Dressing (optional)



No	Category	ACCRETECH
		High-Rigid Grinder
1	Appreance(mm)	Size : 1540(W) X 1880(D) X 2010(H) Weight : 3700kg
2	Max Processing Diameter(mm)	300
3	Grinding Wheel Diameter(mm)	300
4	Grinding Wheel Rotation(rpm)	3600
5	Work Spindle Rotation(rpm)	400
6	Grinding Wheel Spindle (Kw)	11
7	Work Spindle (Kw)	2
8	Automatic Monitor	In-process gauge (Batch process available)
9	Grinding Resolution(μ m)	0.1
10	Perpetual Dressing	option

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